

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 427mas2002	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.	
International application No. PCT/IN 03/ 00159	International filing date (day/month/year) 16/04/2003	(Earliest) Priority Date (day/month/year) 05/06/2002
Applicant NATCO PHARMA LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 04 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

PROCESS FOR THE PREPARATION OF 4- (4-FLUOROBENZOYL) BUTYRIC ACID

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IN 03/00159

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C51/347 C07C57/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, WPI Data, PAJ, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 38305 A (BARTH MARTINE ;DODEY PIERRE (FR); PAQUET JEAN LUC (FR); PRUNEAU DI) 31 May 2001 (2001-05-31) *preparation IV*	1-7
A	BAENS, NICOLE P. ET AL: "Synthesis of 2,5-substituted piperidines: transposition of 1,4-substitution pattern for the analgesic drug R6582" TETRAHEDRON (1993), 49(15), 3193-202 , XP002022790 page 3197	1-7
A	WO 00 34240 A (SCHERING CORP) 15 June 2000 (2000-06-15) *page 11*	1-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

15 September 2003

Date of mailing of the international search report

10/10/2003

Name and mailing address of the ISA

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Authorized officer

Lorenzo Varela, M.J.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IN 03/00159

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 207 822 B1 (CHIU JOHN S ET AL) 27 March 2001 (2001-03-27) *columns 12 and 13*</p> <p>-----</p>	1-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IN 03/00159

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 0138305	A	31-05-2001	FR	2801585 A1	01-06-2001
			AU	2177601 A	04-06-2001
			BR	0015695 A	23-07-2002
			CA	2392225 A1	31-05-2001
			CN	1391556 T	15-01-2003
			CZ	20021810 A3	14-08-2002
			EP	1232144 A2	21-08-2002
			WO	0138305 A2	31-05-2001
			HU	0203603 A2	28-02-2003
			JP	2003514894 T	22-04-2003
			NO	20022460 A	24-05-2002
			SK	6892002 A3	08-10-2002
			US	6605633 B1	12-08-2003
WO 0034240	A	15-06-2000	AU	2030100 A	26-06-2000
			CA	2353981 A1	15-06-2000
			CN	1329592 T	02-01-2002
			EP	1137634 A1	04-10-2001
			JP	2002531546 T	24-09-2002
			WO	0034240 A1	15-06-2000
			ZA	200104004 A	16-08-2002
US 6207822	B1	27-03-2001	NONE		